

What is claimed is:

1    1. A communication terminal which (i) groups a plurality  
2    of setting items for related internal functions of the  
3    communication terminal into a top level item, and (ii)  
4    displays that the group of setting items belongs to the  
5    top level item, comprising:

6         a selection key for selecting a setting item from the  
7    plurality of setting items;

8         display means for displaying the selected setting  
9    item;

10        a confirmation key for confirming the selected  
11    setting item and proceeding to a setting screen therefor;

12        changing means for changing, in the setting screen  
13    of the confirmed setting item, a setting value of the  
14    setting item;

15        measuring means for measuring a length of time for  
16    which the selected setting item is displayed; and

17        setting value display means for displaying, when the  
18    length of time exceeds a predetermined length of time, the  
19    setting value of the selected setting item.

1    2. The communication terminal of Claim 1

2 wherein the setting value display means forms a popup  
3 window on part of a setting item screen in which the  
4 plurality of setting items are being displayed, and  
5 displays the setting value of the selected setting item  
6 in the popup window.

1 3. The control terminal of Claim 1 or 2  
2 wherein the setting value display means, when an  
3 operation of the selection key is performed while the  
4 setting value of the selected setting item is being  
5 displayed, stops displaying the setting value, and returns  
6 to displaying the setting item screen.

1 4. A display method for a communication terminal which (i)  
2 groups a plurality of setting items for related internal  
3 functions of the communication terminal into a top level  
4 item, and (ii) displays that the group of setting items  
5 belongs to the top level item, the display method  
6 comprising:

7 a first step for selecting a setting item from the  
8 plurality of setting items;

9 a second step for displaying the selected setting  
10 item;

11 a third step for confirming the selected setting item

12 and proceeding to a setting screen therefor;  
13       a fourth step for changing, in the setting screen of  
14 the confirmed setting item, a setting value of the setting  
15 item;  
16       a fifth step for measuring a length of time for which  
17 the selected setting item is displayed; and  
18       a sixth step for displaying, when the length of time  
19 exceeds a predetermined length of time, the setting value  
20 of the selected setting item.

P02260-T622650

- 1 5. The display method of Claim 4  
2       wherein the sixth step forms a popup window on part  
3 of a setting item screen in which the plurality of setting  
4 items are being displayed, and displays the setting value  
5 of the selected setting item in the popup window.
- 1 6. The display method of Claim 4 or 5  
2       wherein the sixth step, when the first step is  
3 performed while the setting value of the selected setting  
4 item is being displayed, stops displaying the setting value,  
5 and returns to displaying the setting item screen.
- 1 7. A communication terminal which (i) groups a plurality  
2 of setting items for related internal functions of the

3 communication terminal into one of a plurality of top level  
4 items, (ii) displays that the group of setting items  
5 belongs to the top level item, and (iii) displays the top  
6 level item together with the group of setting items that  
7 belong thereto, comprising:

8 a selection key for selecting one of the plurality  
9 of top level items; and

10 display control means for controlling displaying of  
11 the plurality of top level items and the plurality of  
12 setting items,

13 wherein the display control means has one selected  
14 top level item and the group of setting items which belong  
15 thereto displayed, and has only top level items displayed  
16 for top level items which have not been selected.

1 8. A display method for a communication terminal which (i)  
2 groups a plurality of setting items for related internal  
3 functions of the communication terminal into one of a  
4 plurality of top level items, (ii) displays that the group  
5 of setting items belongs to the top level item, and (iii)  
6 displays the top level item together with the group of  
7 setting items that belong thereto, the display method  
8 comprising:

9 a selection step for selecting one of the plurality

10 of top level items; and  
11 a display control step for controlling displaying of  
12 the plurality of top level items and the plurality of  
13 setting items,

14 wherein the display control step has one selected top  
15 level item and the group of setting items which belong  
16 thereto displayed, and has only top level items displayed  
17 for top level items which have not been selected.

1 9. A communication terminal which displays, when a memory  
2 dial function is used, a plurality of registered names of  
3 parties to which a telephone call is possibly made, and  
4 initiates, according to a predetermined operation, the  
5 telephone call to a telephone number which corresponds to  
6 a selected registered name, comprising:

7 call destination selection means for selecting one  
8 name from the displayed plurality of registered names;

9 measuring means for measuring a length of time for  
10 which the selected registered name is displayed;

11 first display means for displaying, when the length  
12 of time measured by the measuring means exceeds a  
13 predetermined length of time, a plurality of telephone  
14 numbers and e-mail addresses which correspond to the  
15 selected registered name;

16 second display means for displaying, when the  
17 predetermined operation is performed while the plurality  
18 of telephone numbers and e-mail addresses is being  
19 displayed on the first display means, only the telephone  
20 numbers;

21 telephone number selection means for selecting one  
22 telephone number from the plurality of telephone numbers  
23 being displayed on the second display means; and

24 call initiation means for initiating a telephone call  
25 to the selected telephone number.

1 10. The communication terminal of Claim 9  
2 wherein the first display means forms a popup window  
3 on part of a screen in which the plurality of registered  
4 names are being simultaneously displayed, and displays the  
5 plurality of telephone numbers and e-mail addresses of the  
6 selected setting item in the popup window.

1 11. A display method for a communication terminal which  
2 displays, when a memory dial function is used, a plurality  
3 of registered names of parties to which a telephone call  
4 is possibly made, and initiates, according to a  
5 predetermined operation, the telephone call to a telephone  
6 number which corresponds to a selected registered name,

7 the display method comprising:

8       a first step for selecting one name from the displayed

9 plurality of registered names;

10      a second step for measuring a length of time for which

11 the selected registered name is displayed;

12      a third step for displaying, when the length of time

13 measured by the second step exceeds a predetermined length

14 of time, a plurality of telephone numbers and e-mail

15 addresses which correspond to the selected registered

16 name;

17      a fourth step for displaying, when the predetermined

18 operation is performed while the plurality of telephone

19 numbers and e-mail addresses is being displayed by the

20 third step, only the telephone numbers;

21      a fifth step for selecting one telephone number from

22 the plurality of telephone numbers being displayed by the

23 fourth step; and

24      a sixth step for initiating a telephone call to the

25 selected telephone number.

1 12. The communication terminal of Claim 9

2       wherein the third step includes a seventh step for

3 forming a popup window on part of a screen in which the

4 plurality of registered names are being simultaneously

5 displayed, and displaying the plurality of telephone  
6 numbers and e-mail addresses of the selected setting item  
7 in the popup window.